LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014195.D
Acq On : 08 Feb 2018 16:23
Operator : SJ/JU
Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	9	16	25	rVB3	91874	145435	1.38%	0.324%
2	5.164	364	370	387	rBV	724476	1128674	10.74%	2.513%
3	6.734	631	637	657	rVB	427921	753412	7.17%	1.677%
4	7.081	687	696	712	rBV	1656788	2695699	25.66%	6.001%
5	7.540	767	774	784	rBV	421689	682043	6.49%	1.518%
6	7.858	821	828	833	rBV	1581819	2612747	24.87%	5.816%
7	7.899	833	835	841	rVB2	81449	116137	1.11%	0.259%
8	8.699	964	971	982	rBV	1330420	2325007	22.13%	5.176%
9	9.716	1131	1144	1153	rBV4	53405	119802	1.14%	0.267%
10	10.310	1239	1245	1261	rBV	499095	991474	9.44%	2.207%
11	12.804	1661	1669	1682	rBV	3577700	5424109	51.64%	12.074%
12	14.022	1870	1876	1885	rVB	57164	174965	1.67%	0.389%
13	14.198	1899	1906	1913	rBV2	979928	1575809	15.00%	3.508%
14	14.422	1938	1944	1947	rBV6	79253	129167	1.23%	0.288%
15	14.722	1990	1995	1998	rBV2	99931	150352	1.43%	0.335%
16	14.763	1998	2002	2006	rVB	135749	189666	1.81%	0.422%
17	14.816	2006	2011	2014	rBV3	93141	157262	1.50%	0.350%
18	14.851	2014	2017	2024	rVB8	71610	117120	1.11%	0.261%
19	15.045	2044	2050	2054	rBV5	99674	215081	2.05%	0.479%
20	15.110	2055	2061	2063	rVV4	187414	360587	3.43%	0.803%
21	15.139	2063	2066	2075	rVB4	229893	435176	4.14%	0.969%
22	15.351	2092	2102	2104	rBV9	63813	136530	1.30%	0.304%
23	15.481	2119	2124	2127	rBV2	104624	176993	1.68%	0.394%
24	15.604	2138	2145	2151	rBV	895895	1743462	16.60%	3.881%
25	15.698	2155	2161	2168	rVV	3810531	5411828	51.52%	12.047%
26	15.963	2204	2206	2216	rVB10	60106	125502	1.19%	0.279%
27	16.057	2217	2222	2227	rBV8	45905	109086	1.04%	0.243%
28	16.957	2369	2375	2384	rBV	1394399	2071094	19.72%	4.610%
29	17.863	2525	2529	2535	rBV9	123681	174861	1.66%	0.389%
30	19.157	2745	2749	2755	rVB9	96150	137774	1.31%	0.307%
31	19.604	2819	2825	2833	rBV	8391296	10504286	100.00%	23.383%
32	21.163	3085	3090	3099	rBV	1641039	2209844	21.04%	4.919%
33	23.339	3454	3460	3471	rVB	850006	1621144	15.43%	3.609%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014195.D
Acq On : 08 Feb 2018 16:23
Operator : SJ/JU
Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

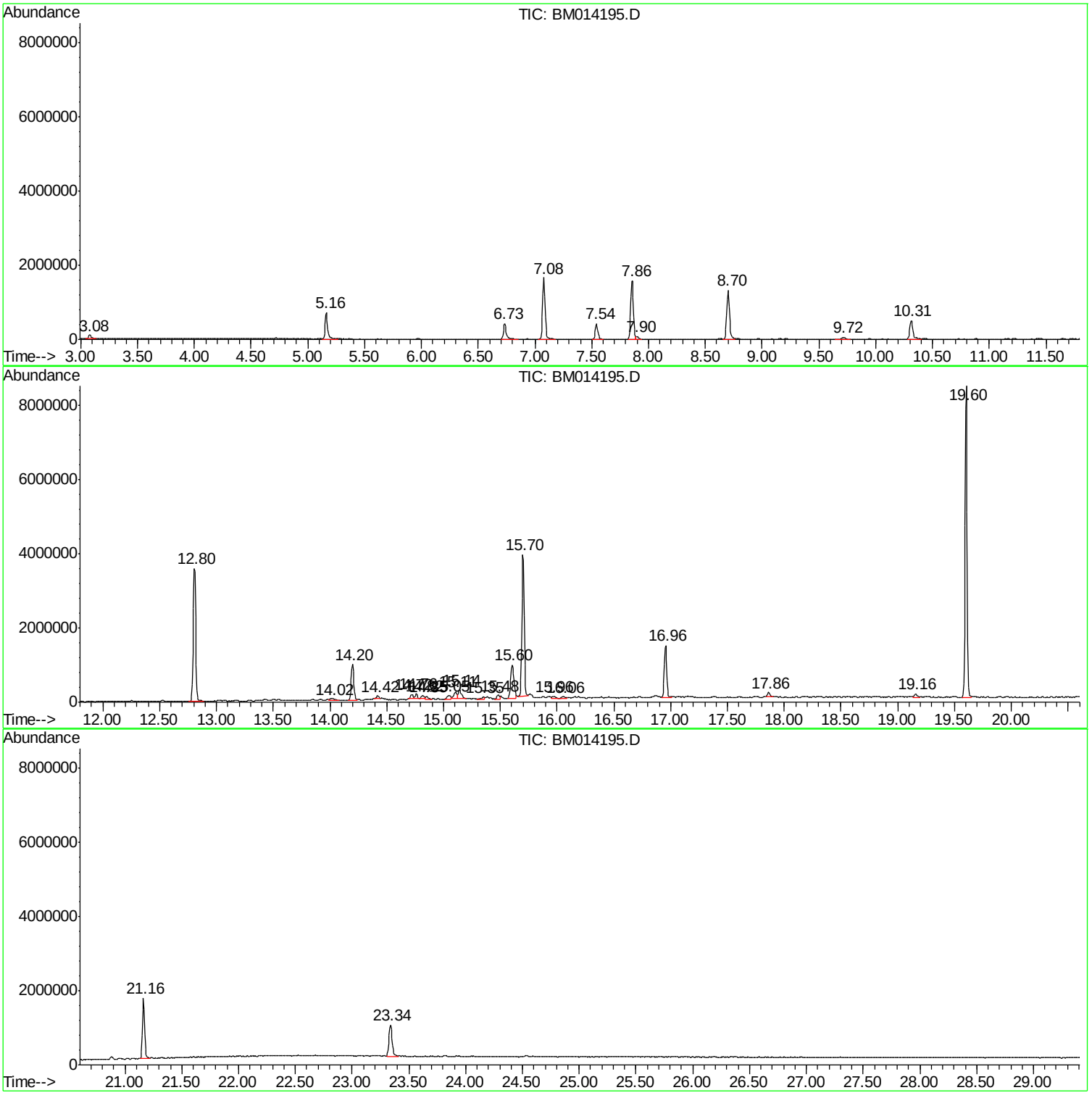
Sum of corrected areas: 44922128

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014195.D
Acq On : 08 Feb 2018 16:23
Operator : SJ/JU
Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Operator : SJ/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

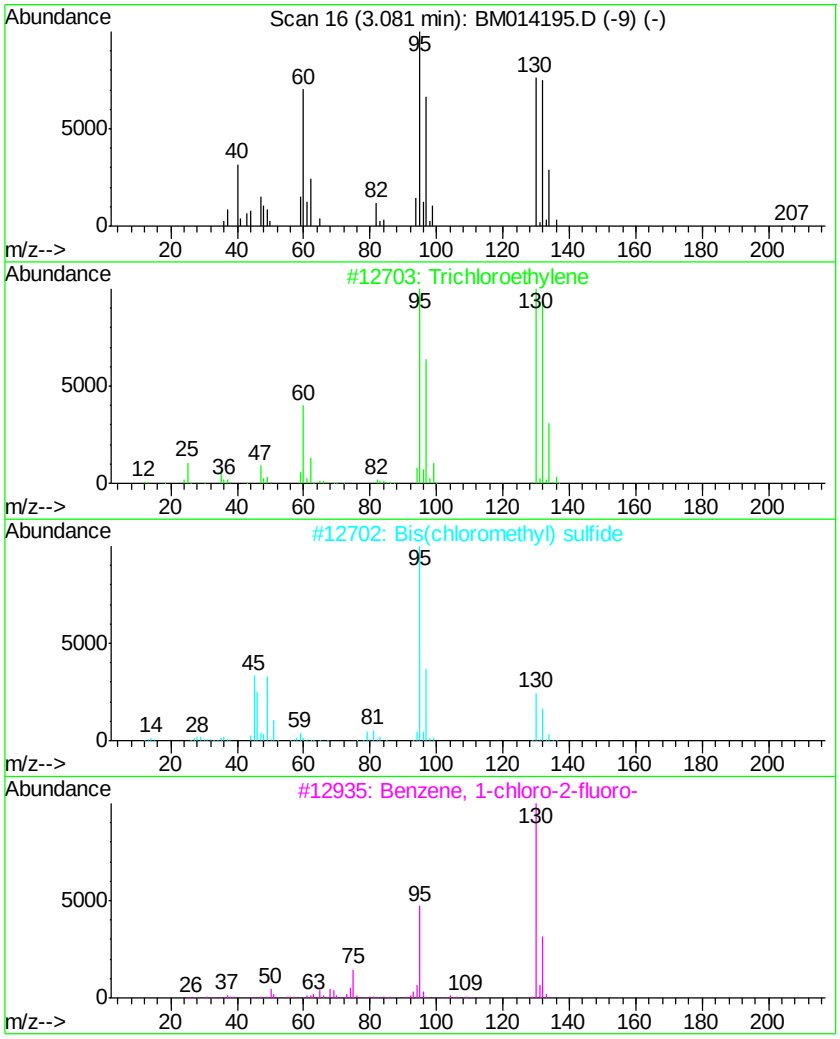
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

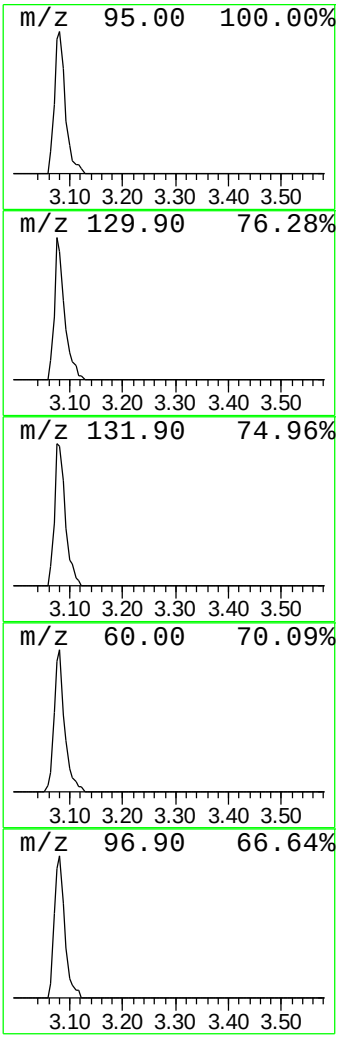
****

Peak Number 1 Trichloroethylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	4.26 ng	145435	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	96
2	Bis(chloromethyl) sulfide	130	C2H4Cl2S	003592-44-7	40
3	Benzene, 1-chloro-2-fluoro-	130	C6H4ClF	000348-51-6	12
4	Ethyne, chloro-	60	C2HCl	000593-63-5	11
5	Thiophene, 2-(chloromethyl)-	132	C5H5ClS	000765-50-4	11





Library Search Compound Report

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Acq On : 08 Feb 2018 16:23
Operator : SJ/JU
Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

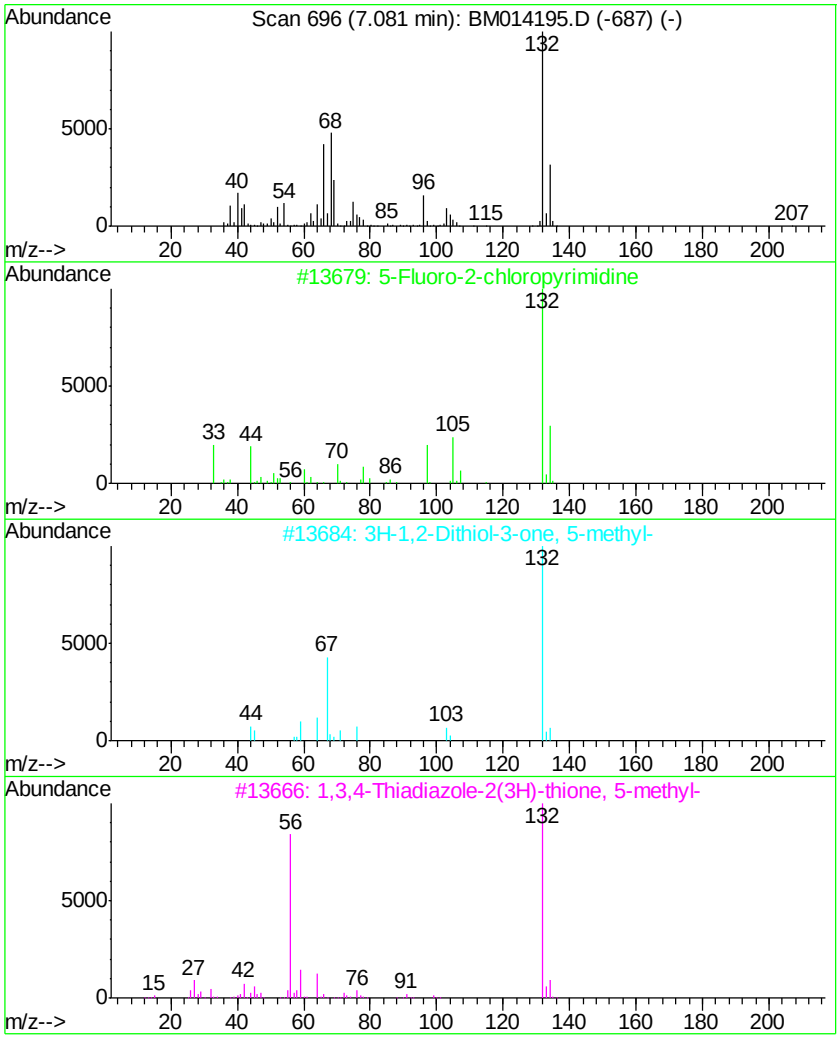
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

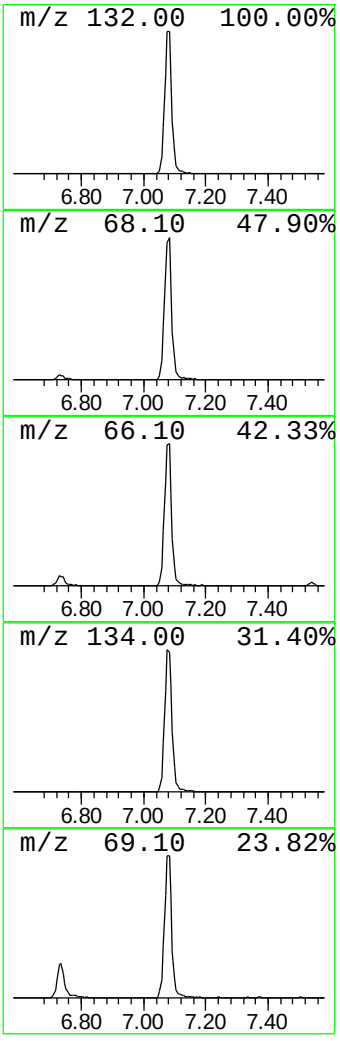
****

Peak Number 2 unknown7.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	79.05 ng	2695700	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
2	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014195.D
Acq On : 08 Feb 2018 16:23
Operator : SJ/JU
Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

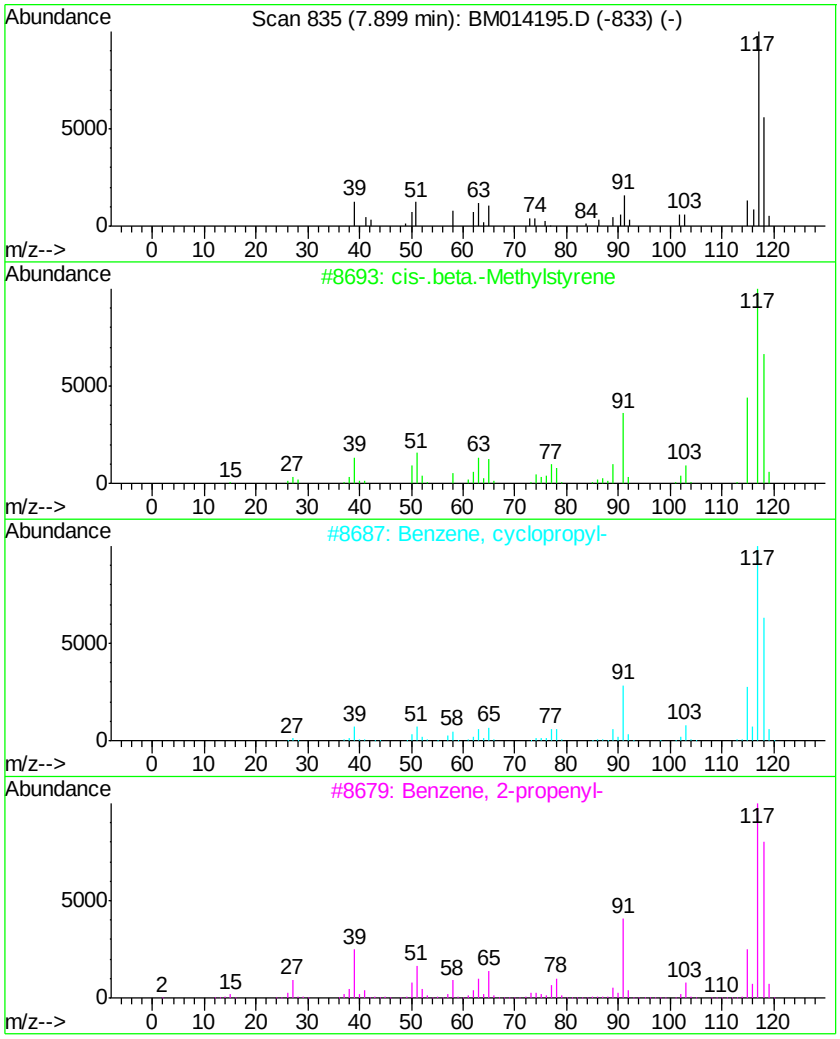
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

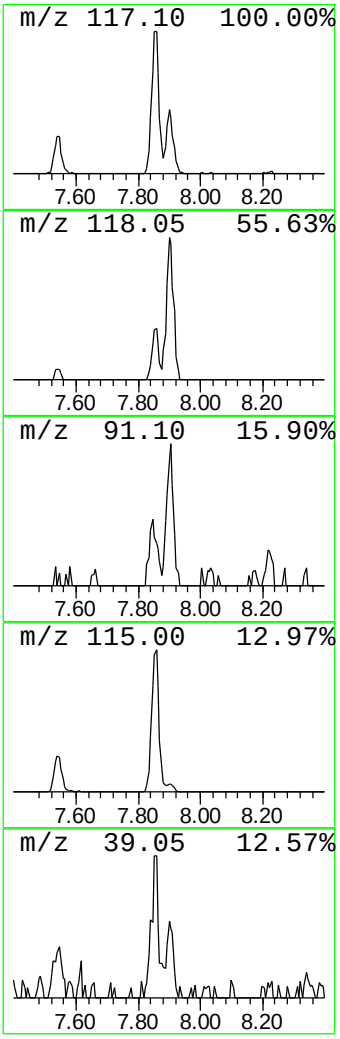
****

Peak Number 4 cis-.beta.-Methylstyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	3.41 ng	116137	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	86
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Indane	118	C9H10	000496-11-7	80
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80





Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014195.D
Acq On : 08 Feb 2018 16:23
Operator : SJ/JU
Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

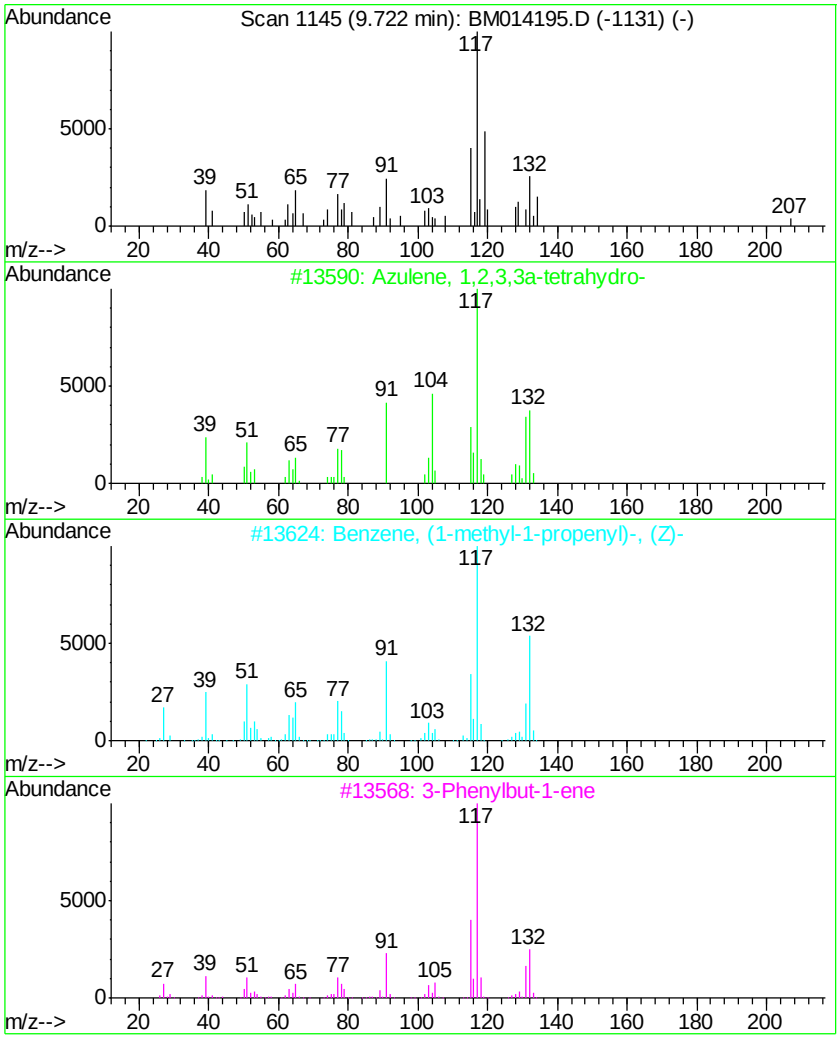
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

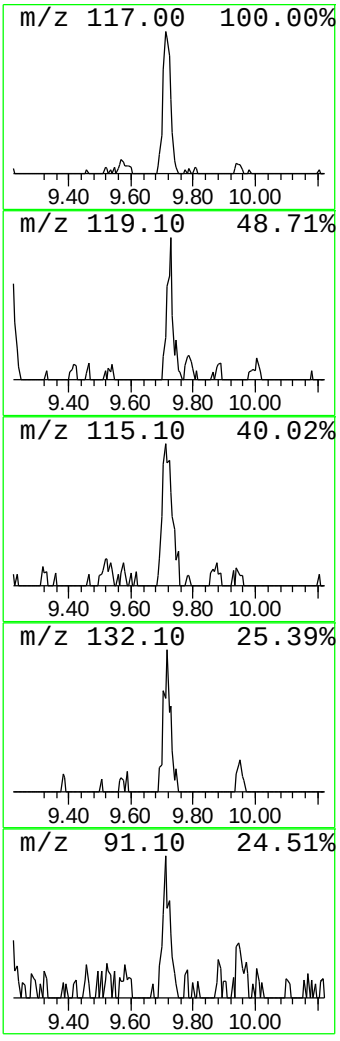
****

Peak Number 5 Azulene, 1,2,3,3a-tetrahydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.42 ng	119802	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	81
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	76
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70





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Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

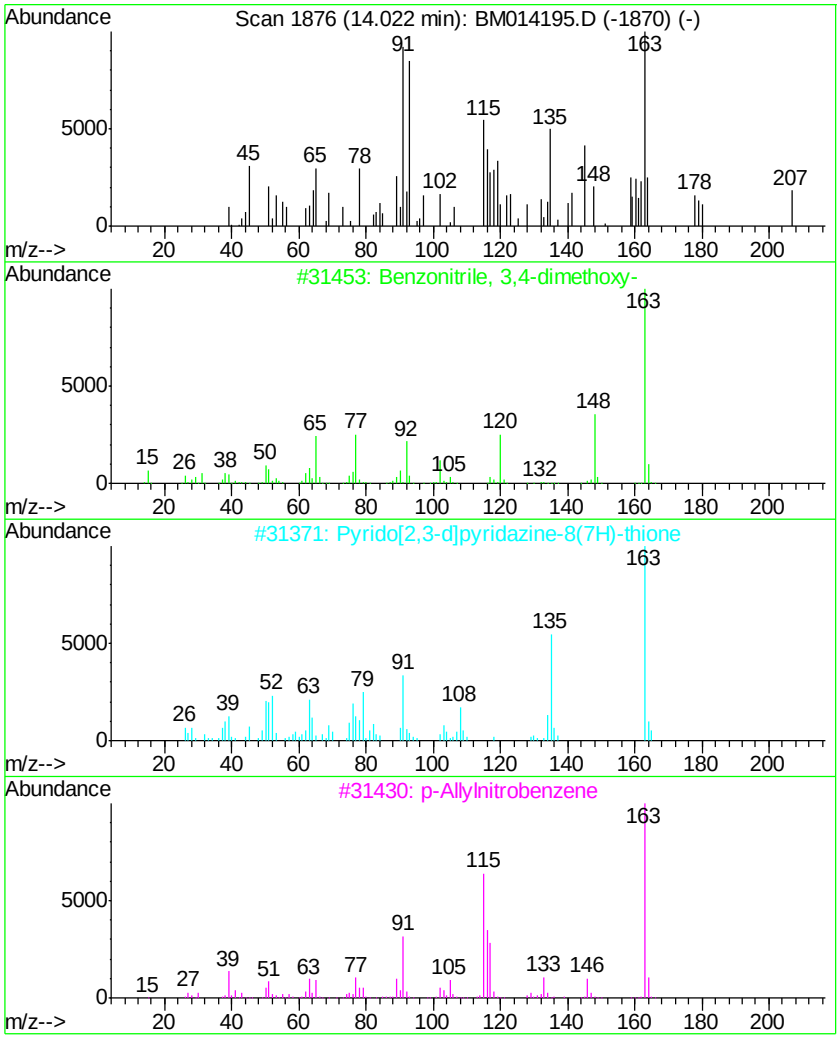
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

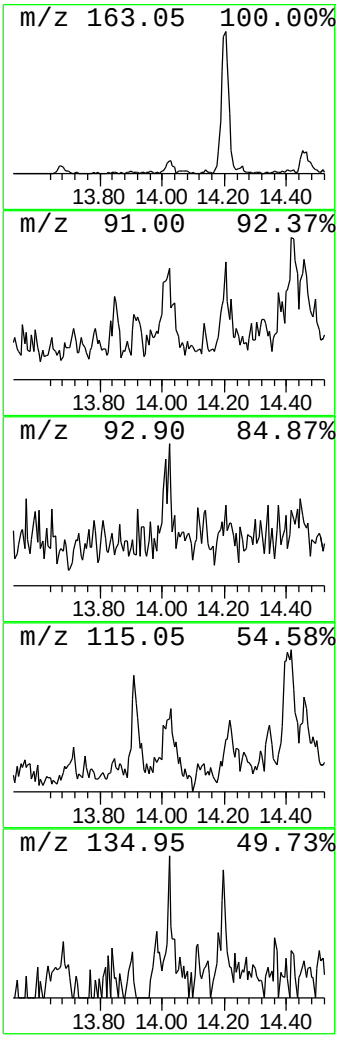
****

Peak Number 6 unknown14.02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.22 ng	174965	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3,4-dimethoxy-	163	C9H9NO2	002024-83-1	14
2	Pyrido[2,3-d]pyridazine-8(7H)-th...	163	C7H5N3S	015370-74-8	14
3	p-Allylnitrobenzene	163	C9H9NO2	053483-17-3	14
4	Ethanone, 1-[2-(dimethylamino)ph...	163	C10H13NO	010336-55-7	11
5	2,4-Dimethylphenyl isothiocyanate	163	C9H9NS	039842-01-8	10





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Acq On : 08 Feb 2018 16:23
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Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

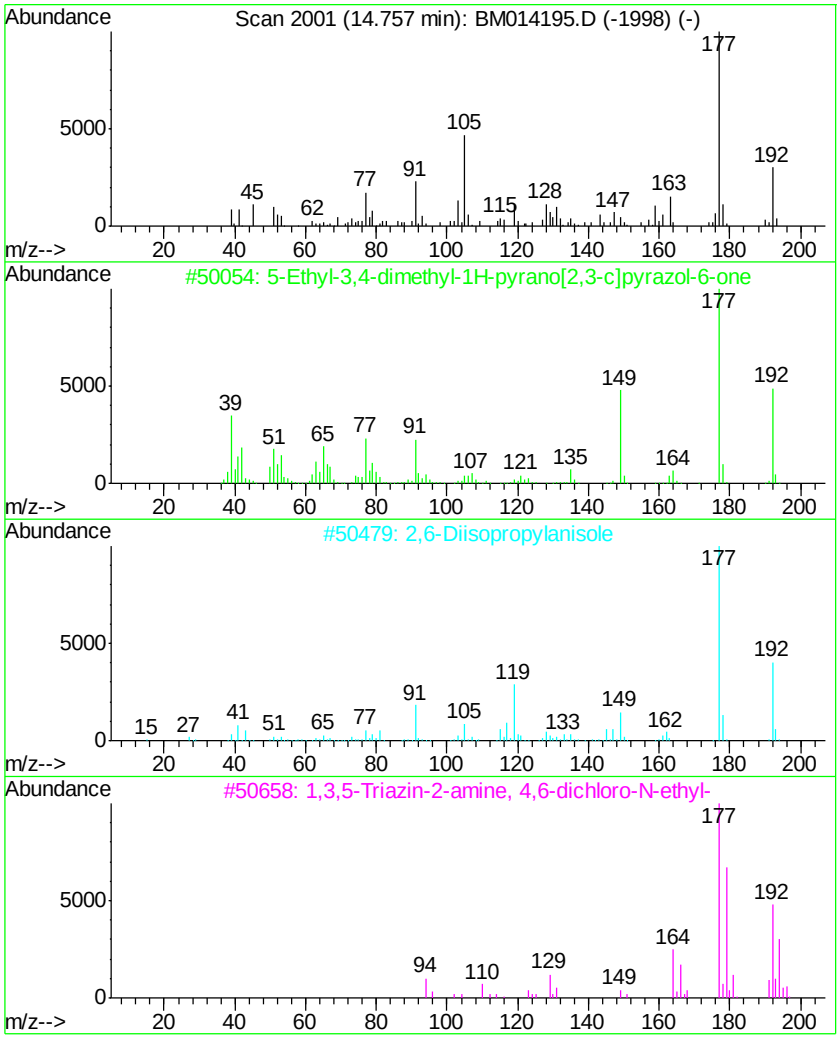
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

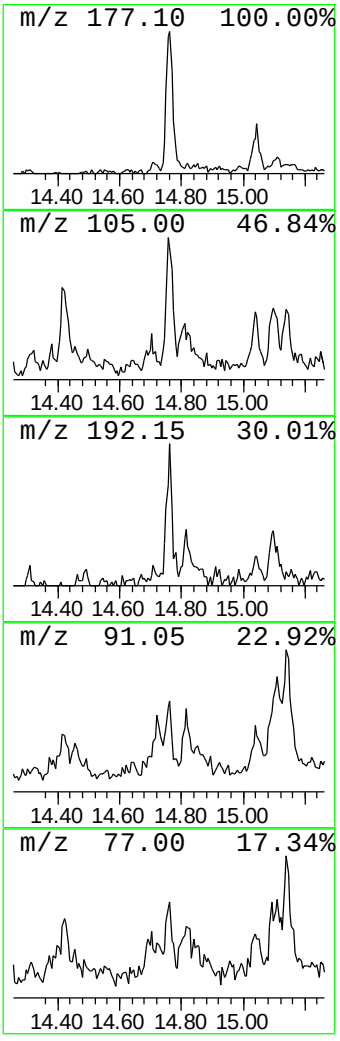
****

Peak Number 7 5-Ethyl-3,4-dimethyl-1H-pyr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.41 ng	189666	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyl-3,4-dimethyl-1H-pyrano[2...	192	C10H12N2O2	1000296-60-7	58
2	2,6-Diisopropylanisole	192	C13H20O	002944-52-7	52
3	1,3,5-Triazin-2-amine, 4,6-dichl...	192	C5H6Cl2N4	003440-19-5	50
4	6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	47
5	Benzaldehyde, 3-hydroxy-4-methox...	192	C11H12O3	018075-41-7	45





Library Search Compound Report

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Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

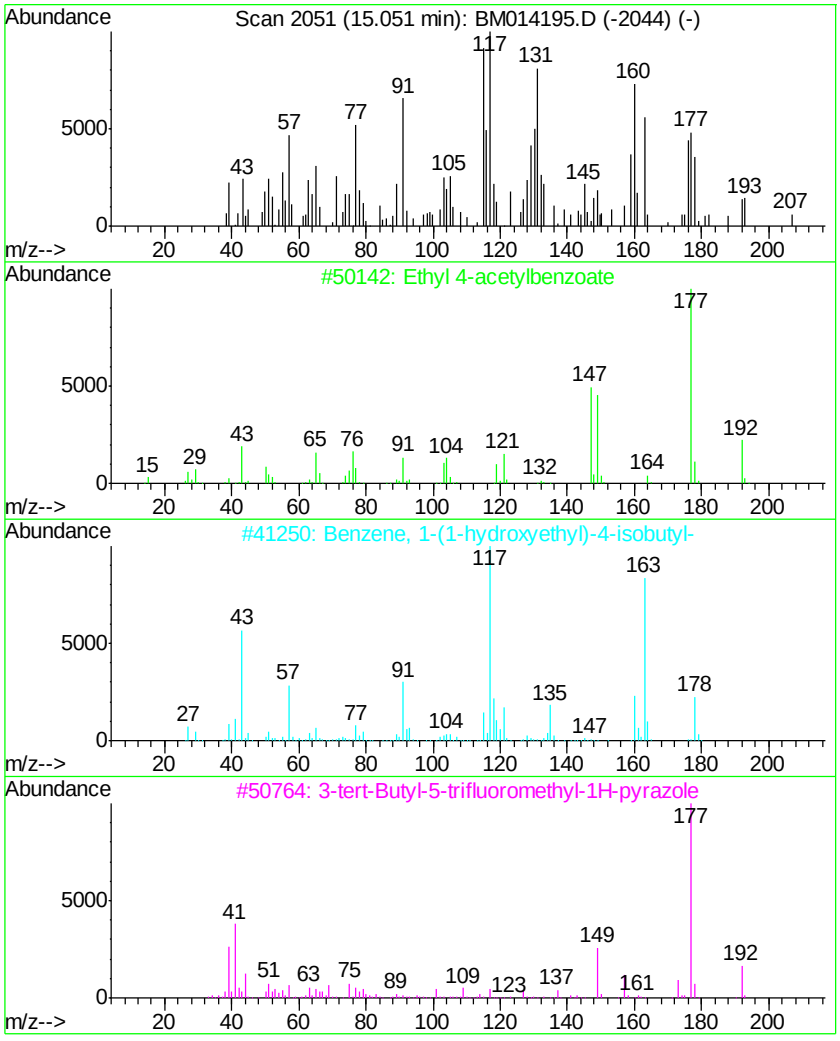
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

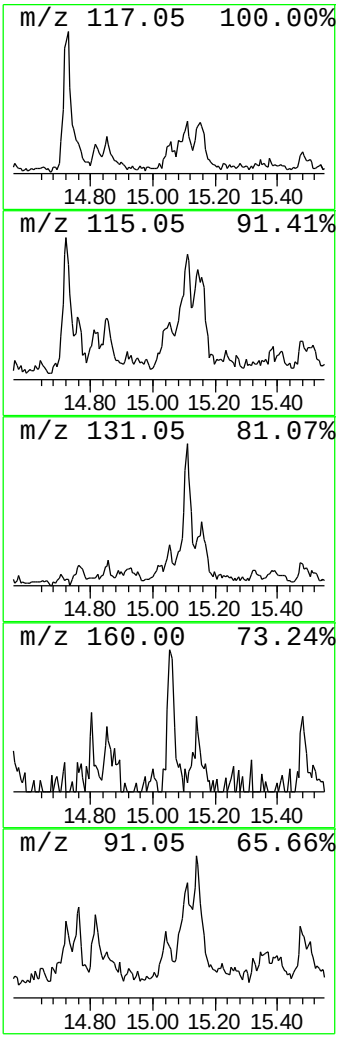
****

Peak Number 8 unknown15.05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.73 ng	215081	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 4-acetylbenzoate	192	C11H12O3	038430-55-6	30
2	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	25
3	3-tert-Butyl-5-trifluoromethyl-1...	192	C8H11F3N2	150433-22-0	22
4	1,3-Dioxolane, 4,5-dimethyl-2-ph...	178	C11H14O2	004359-31-3	18
5	1H-Pyrrole, 1-(4-chlorophenyl)-	177	C10H8ClN	005044-38-2	11





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

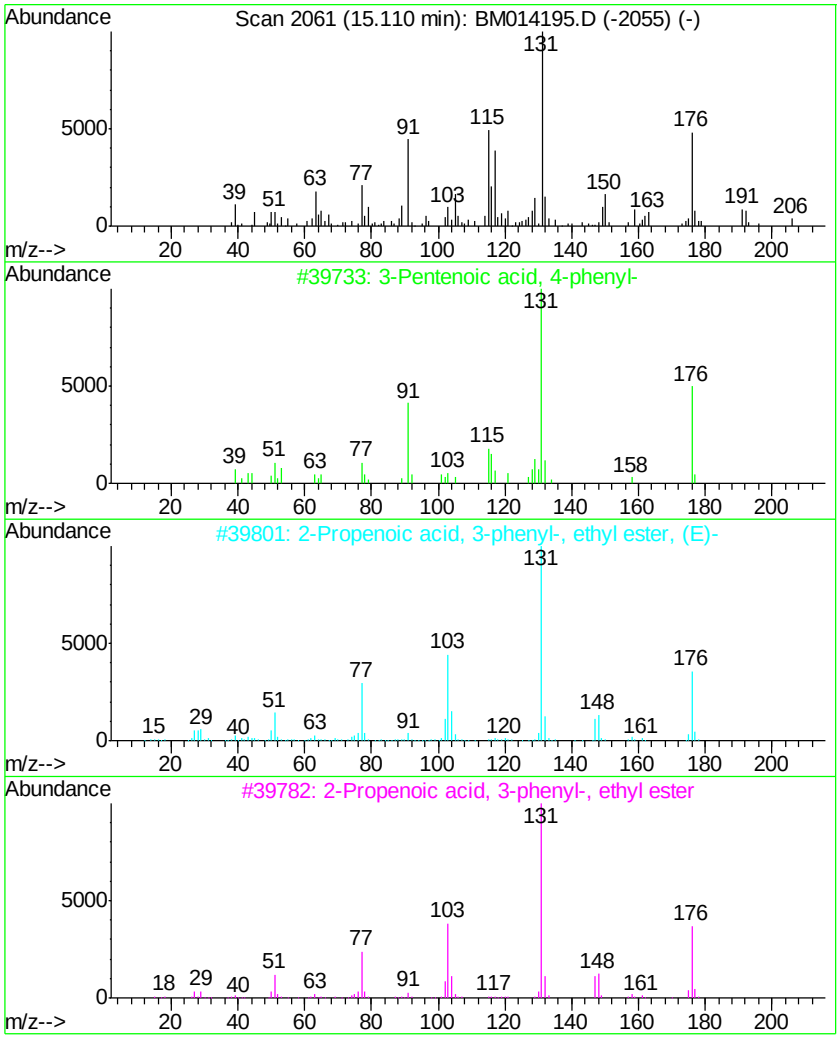
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

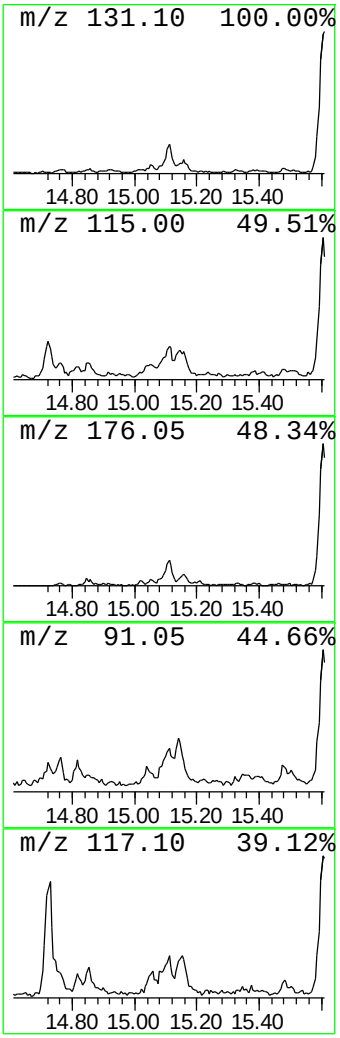
****

Peak Number 9 3-Pentenoic acid, 4-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	4.58 ng	360587	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	78
2	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	38
3	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	38
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	38
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	38





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
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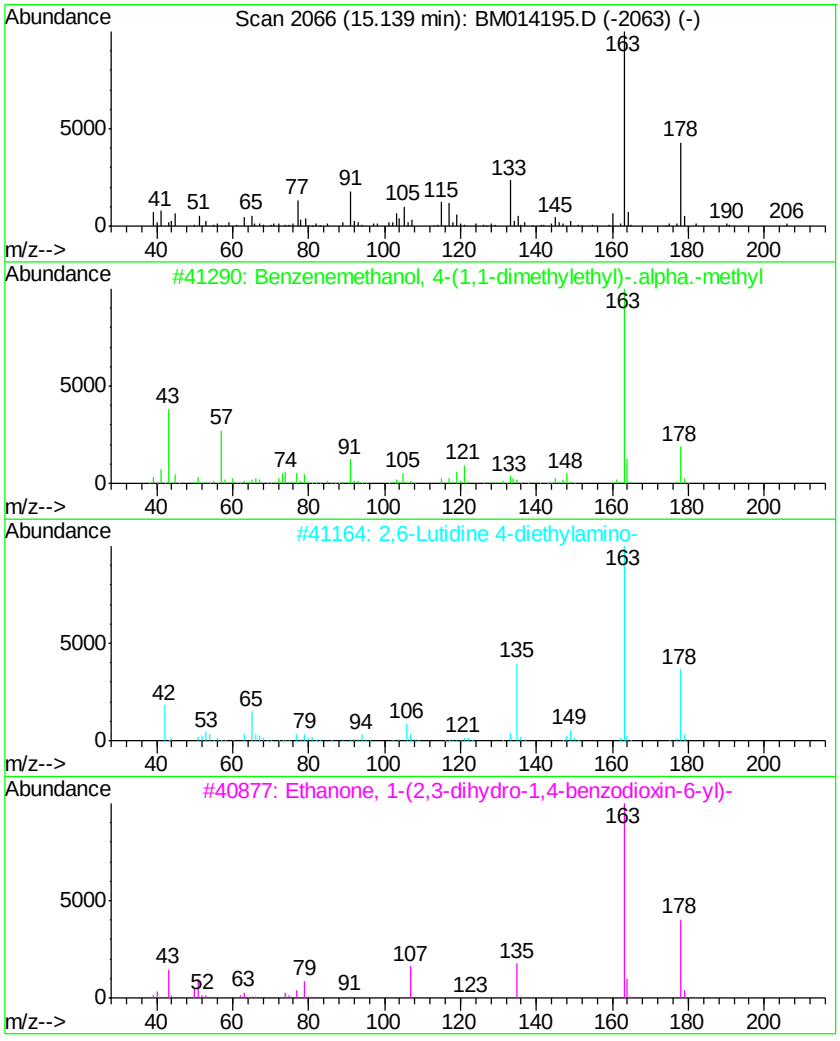
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

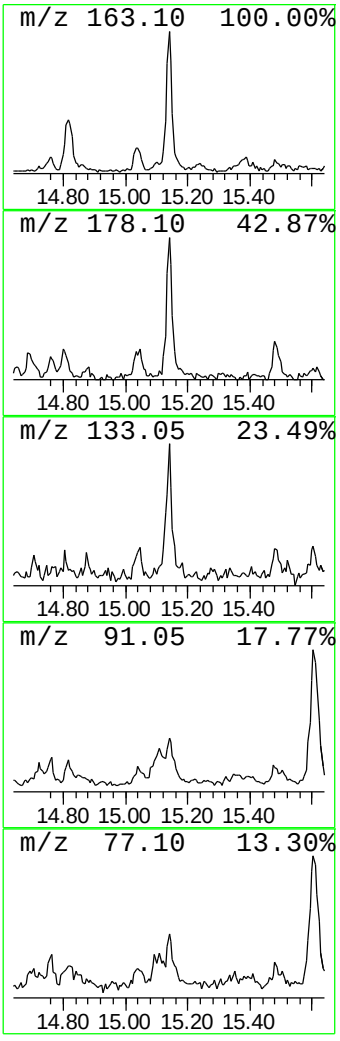
****

Peak Number 10 Benzenemethanol, 4-(1,1-dim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	5.52 ng	435176	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 4-(1,1-dimethyl...	178	C12H18O	034386-42-0	53
2	2,6-Lutidine 4-diethylamino-	178	C11H18N2	1000252-95-3	53
3	Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	53
4	Propofol	178	C12H18O	002078-54-8	45
5	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	45





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Data File : BM014195.D
Acq On : 08 Feb 2018 16:23
Operator : SJ/JU
Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

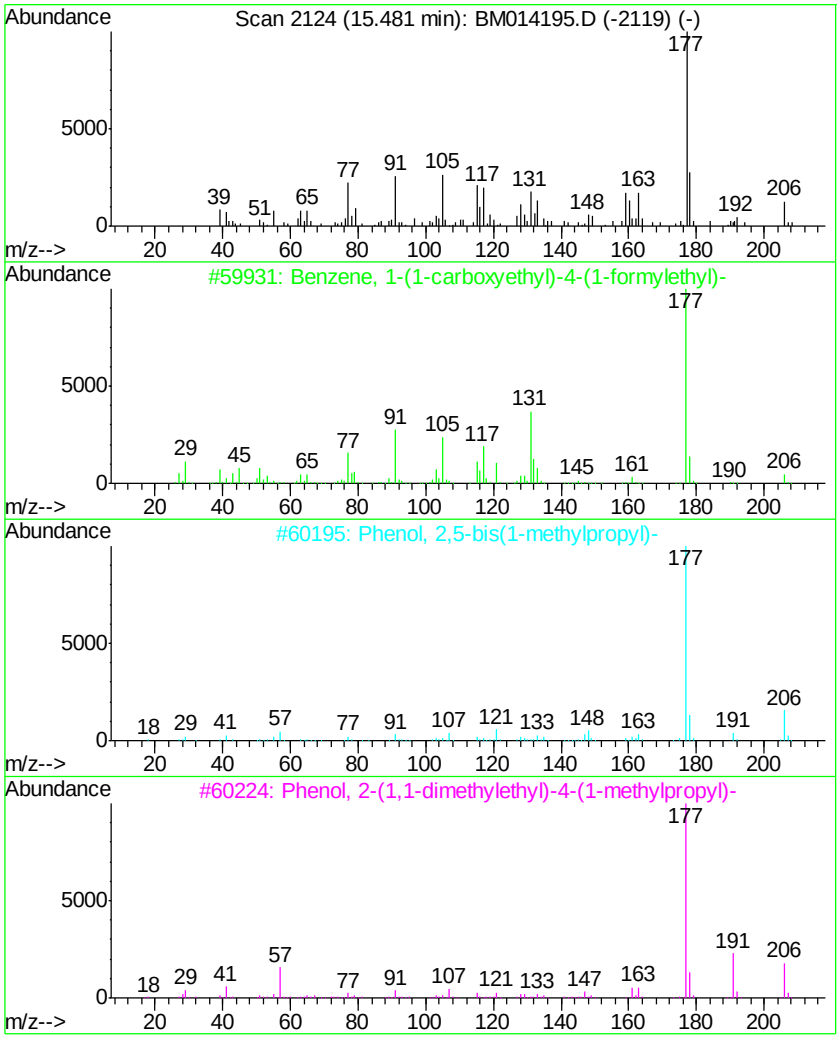
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

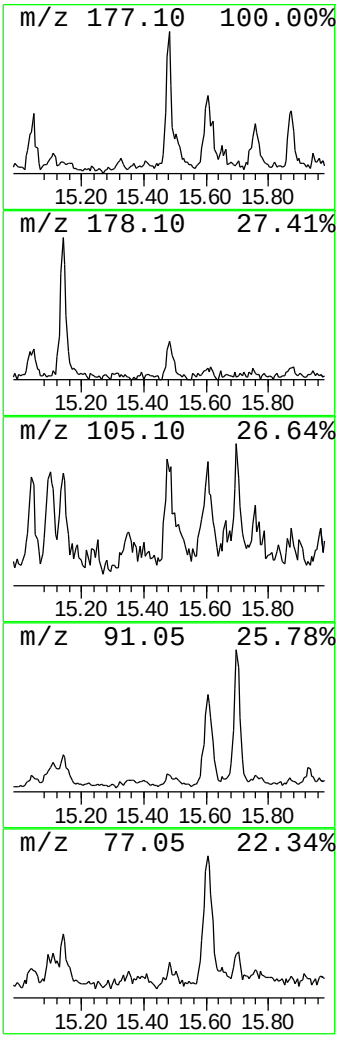
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-(1-carboxyethyl)... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	2.25 ng	176993	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-carboxyethyl)-4-(1...	206	C12H14O3	1000161-22-9	50
2	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	49
3	Phenol, 2-(1,1-dimethylethyl)-4-...	206	C14H22O	052184-13-1	47
4	1,3-Benzodioxol-2-one, 5-(1,1-di...	192	C11H12O3	054815-21-3	43
5	Spiro[cyclopenta[d]-1,3,2-dioxab...	206	C12H19BO2	062238-26-0	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014195.D
Acq On : 08 Feb 2018 16:23
Operator : SJ/JU
Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

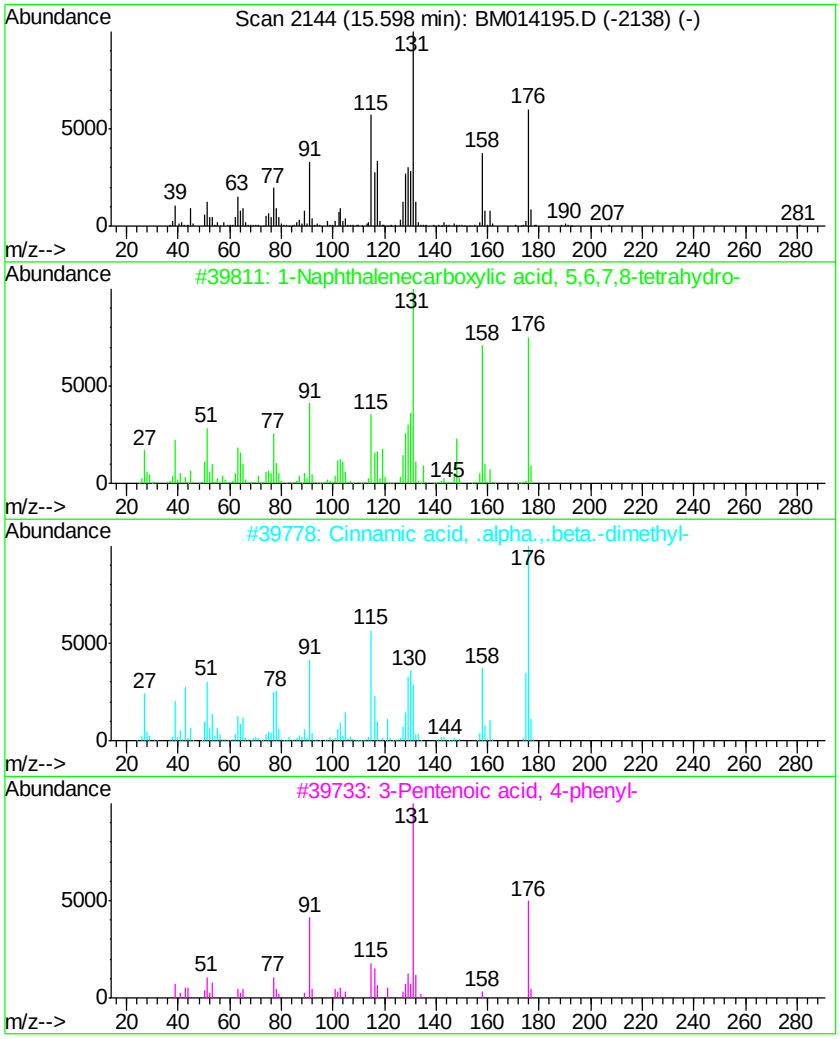
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

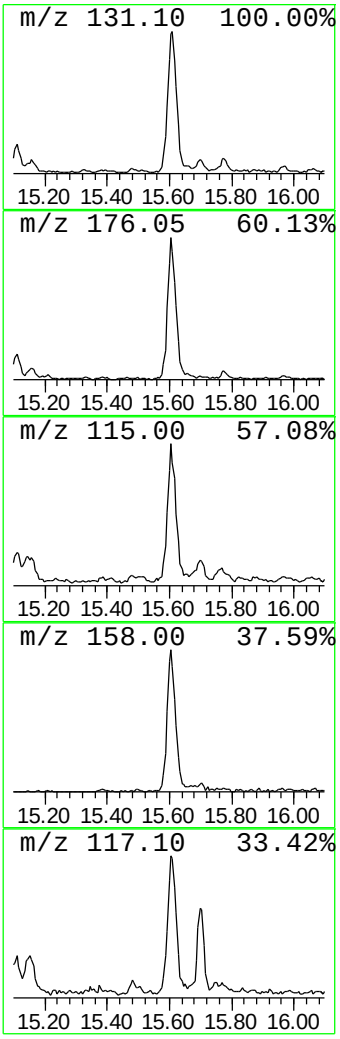
****

Peak Number 12 1-Naphthalenecarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	16.84 ng	1743460	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	95
2	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	50
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	47
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43
5	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020818\
Data File : BM014195.D
Acq On : 08 Feb 2018 16:23
Operator : SJ/JU
Sample : J1455-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Trichloroethylene	3.08	4.3	ng	145435	1	7.54	682043	20.0
unknown7.08	7.08	79.0	ng	2695700	1	7.54	682043	20.0
cis-.beta.-Methyl...	7.90	3.4	ng	116137	1	7.54	682043	20.0
Azulene, 1,2,3,3a...	9.72	2.4	ng	119802	2	10.31	991474	20.0
unknown14.02	14.02	2.2	ng	174965	3	14.20	1575810	20.0
5-Ethyl-3,4-dimet...	14.76	2.4	ng	189666	3	14.20	1575810	20.0
unknown15.05	15.05	2.7	ng	215081	3	14.20	1575810	20.0
3-Pentenoic acid,...	15.11	4.6	ng	360587	3	14.20	1575810	20.0
Benzenemethanol, ...	15.14	5.5	ng	435176	3	14.20	1575810	20.0
Benzene, 1-(1-car...	15.48	2.3	ng	176993	3	14.20	1575810	20.0
1-Naphthalenecarb...	15.60	16.8	ng	1743460	4	16.96	2071090	20.0